

HEARTS FLOWERS

File Info:	S750_HeartsFlowers.exp, S1500_HeartsFlowers.exp, K250_HeartsFlowers.exp, K750_HeartsFlowers.exp, K1500_HeartsFlowers.exp
Brief Description:	In the Heart game, the subject presses on the SAME side as the heart. In the Flower game, the subject presses on the side OPPOSITE the flower. There is one block with just hearts, one with just flowers, and a mixed block.
Versions:	There are TouchScreen (S) and KeyPress (K) versions of this game. K250 (250 msec stimulus presentation) for Adults, S750/K750 (750 msec stimulus presentation) for kids 7 years and older, and S1500/K1500 (1500 msec stimulus presentation) for kids 6 and under.
Program Info:	PRESENTATION Program
Task Design:	<ul style="list-style-type: none"> • Heart Instructions (Congruent – Same Side) • Heart Practice Trials (4) x up to 3 <ul style="list-style-type: none"> ○ 500 msec Fixation → 500 msec Blank → Inf. Stim. → 500 msec blank • Heart Faster Practice (2) x up to 2 [Currently Only in TouchScreen Versions] <ul style="list-style-type: none"> ○ 500 msec Fixation → 500 msec Blank → 250/750/1500 msec Stim. → 500 msec blank • Heart Trials (12) <ul style="list-style-type: none"> ○ 500 msec Fixation → 500 msec Blank → 250/750/1500 msec Stim. → 500 msec blank • Flower Instructions (Incongruent – Opposite Side) • Flower Practice Trials (4) x up to 3 <ul style="list-style-type: none"> ○ 500 msec Fixation → 500 msec Blank → Inf. Stim. → 500 msec blank • Flower Trials (12) <ul style="list-style-type: none"> ○ 500 msec Fixation → 500 msec Blank → 250/750/1500 msec Stim. → 500 msec blank • Mixed Instructions • Mixed Trials (33) <ul style="list-style-type: none"> ○ 500 msec Fixation → 500 msec Blank → 250/750/1500 msec Stim. → 500 msec blank
Block Design:	<p>Heart Practice (4) x up to 3:</p> <ul style="list-style-type: none"> ○ Press the button on the SAME side as the Heart (Congruent) ○ <i>Passing Criteria:</i> If subject misses 2 or more, or the experimenter selects NO for “Continue?” the program runs an additional practice (up to 3) ○ Displayed indefinitely until the subject responds ○ Positive/Negative feedback given by experimenter <p>Heart Faster Practice (2) x up to 2: [Currently Only in TouchScreen Versions]</p> <ul style="list-style-type: none"> ○ Prepares subject for the increased speed in the actual Trials ○ <i>Passing Criteria:</i> If experimenter selects NO for “Continue?” the program runs an additional practice (up to 2) ○ Positive/Negative feedback given by experimenter <p>Heart Trials (12)</p> <ul style="list-style-type: none"> ○ Half left-response, Half right-response ○ Subject may respond until the beginning of the next trial’s fixation ○ No feedback given <p>Flower Practice (4) x up to 3:</p> <ul style="list-style-type: none"> ○ Press the button the side OPPOSITE the Flower (Incongruent) ○ <i>Passing Criteria:</i> If subject misses 2 or more, or the experimenter selects NO for “Continue?” the program runs an additional practice (up to 3) ○ Displayed indefinitely until the subject responds ○ Positive/Negative feedback given by experimenter

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	<p>Flower Trials (12)</p> <ul style="list-style-type: none">○ Half left-response, Half right-response○ Subject may respond until the beginning of the next trial's fixation○ No feedback given <p>Mixed Trials (33)</p> <ul style="list-style-type: none">○ Discard 1st trial○ Subject reminded of the rules○ 16 Congruent (Heart) Trials<ul style="list-style-type: none">▪ 8 left-response, 8 right-response○ 16 Incongruent (Flower) Trials<ul style="list-style-type: none">▪ 8 left-response, 8 right-response○ Subject may respond until the beginning of the next trial's fixation○ No feedback given
Responses:	<ul style="list-style-type: none">• Directions: advance with the <Enter> key by the experimenter• Continue?: If this was sufficient practice select 'Y' for yes, otherwise 'N' for no• Practice: advanced by CORRECT response from participant• For KeyPress Responses are <Ctrl> (Left-hand) and the Number Pad's <Enter> (Right-hand) on a standard keyboard.• For TouchScreen, Responses are a Left-hand and Right-hand presses to TouchScreen buttons.
Buttons:	<p>TouchScreen:</p> <ol style="list-style-type: none">1. Mouse Button 0 (Left-Click)2. Enter3. Y4. N <p>Keyboard:</p> <ol style="list-style-type: none">1. Enter2. Y3. N4. Ctrl5. Num Enter

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Data

- Data saved at **END** of game
- **DATA** (saved as comma delimited .txt file – “HeartsFlowers_subjectID.txt”)
- See instructions for **Compiling Data** and **Opening Comma Delimited Files**

Combining output files

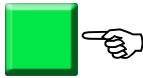
To collect all the output excel files into one excel file, use 'Combine-O-Files'. Place the executable file CombineData.exe into the My Documents Folder. Double click on the exe file to run the program. A window will open with a navigation box. Navigate to the folder that contains only the files you want to combine. Note that moving Presentation's log files may be necessary – they may be listed as .txt files on some computers. Once the folder selected with the appropriate files, press “Compile” – the default Options should work. The output will be one excel file.

DATA KEY:

SubjectID	Subject's unique ID code
Experiment	Name of Experiment (HeartsFlowers)
BlockNo	1 = Heart Block, 2 = Flower Block, 3 = Mixed Block
TrialNo	The order in which the trial was given (counting starts over for each block)
TrialType	'Practice', 'Faster' or 'Trial'
IsTrial	Is this an actual trial? 0 = no this is practice, 1 = yes this is a trial
TrialName	The name of the trial
StimSide	The side on which the stimulus appears: 1 = Left, 2 = Right
ExpRes	The side on which the subject should press: 1 = Left, 2 = Right
Congruent	Is this trial congruent? 0 = no, Incongruent, 1 = yes, Congruent
Response	The actual response given by the subject: 1 = Left, 2 = Right, 0 = None
Correct	1 = Correct, 0 = Incorrect
RT	Reaction time given in msec (0 means no response was given)

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"When you see a HEART, press the button that is on the SAME side as the Heart. So if the Heart is on this side, you press THIS button!"



"When you see a FLOWER, press the button that is on the side OPPOSITE the Flower. So if the Flower is on this side, you press THIS button!"

